

Incremental Encoder

IEV58*50 HTL 36ZB10FL

OrderNo.:219-00217

13.5.2023 / 010101005899999999

Technical data

NO. OF PULSES	50
PARAMETERIZABLE	NO
INTERFACE	INCREMENTAL
NO. OF CHANNELS	K1-K2 NEG
ZERO-PULSE	K0 NEG
SUPPLY VOLTAGE	4,75V-30V
OUTPUT LEVEL	HTL
PROTECTION Class	IP65
OUTPUT FREQUENCY	300 KHZ
FLANGE TYPE	ZB36
SHAFT TYPE	10FL/19,5
CONNECTOR TYPE	CONTACT 12P
CONNECTOR-POSITION	AXIAL
cable length (m)	
MATING PLUG	YES
PINOUT NO.	ST1876E
OPTIONS ENC	
DRAWING NO.	04-010-218
VERSIONNO	
VERSIONNO	000
DOCUMENTATION NO	DOKUMENTE
AL:	N
ECCN:	N
MTTFd [y] (T=45°C, DC=0) >=	200
UL-APPROVALS	USA+CANADA

GL	Wellenausführung glatt / shaft type cylindrical
FL	Wellenausführung mit Fläche / shaft type with flat surface
N	Wellenausführung mit Nut / shaft type with slot
Hohlw	Hohlwelle / hollow shaft
Klemme	mit Klemmring / with clamping ring
Grundw	Grundwelle / fundamental shaft
SLG	Seillängengeber / cable retractor
ZB	Zentrierbund / centre ring
Tachofl	Tachoflansch / tachometer flange
DAG	DAG-Schutzgehäuse / DAG protective housing
TK	Teilkreis / pitch circle

Subject to change.

Pin assignment

Pin assignment number: 1876

Connector name: M23 12-pol

Index: E

Pin-count: 12

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Pin	Designation	Description	Colour
1	CH_A_OUT	Channel A	-
2	/CH_A_OUT	Channel A inverted	-
3	not connected		-
4	CH_B_OUT	Channel B	-
5	/CH_B_OUT	Channel B inverted	-
6	not connected		-
7	CH_I_OUT	Channel Reference	-
8	/CH_I_OUT	Channel Reference inverted	-
9	not connected		-
10	not connected		-
11	Supply Voltage IN	Supply voltage	-
12	Ground IN	Ground	-

WARNING

'De-energize the system before carrying out wiring work or opening and closing electrical connections !

Short-circuits, voltage peaks, etc. can cause operating failures and uncontrolled operating states, as well as serious personal injuries and damage to property.

Verdrahtungsarbeiten, Öffnen und Schließen von elektrischen Verbindungen nur im spannungslosen Zustand durchführen ! Kurzschlüsse, Spannungsspitzen etc. können zur Fehlfunktion und unkontrollierten Zuständen der Anlage bzw. zu erheblichen Personen- und Sachschäden führen.